

Converting Colors

XYZ(14.7480, 10.4263, 8.7872)

Have a look what the booklet for
XYZ(14.7480, 10.4263, 8.7872)
contains.

XYZ(14.7828, 10.4331, 8.8241)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(14.7828, 10.4331,
8.8241)**

Conversions

Conversions Part 1

Format	Color
Hex	8F4350
RGB	143, 67, 80
RGB Percent	56%, 26%, 31%
CMY	0.4392, 0.7372, 0.6863
CMYK	0.00, 0.53, 0.44, 0.44
HSL	350°, 36%, 41%
HSV	350°, 53%, 56%
XYZ	14.7828, 10.4331, 8.8241
YIQ	91.2060, 41.1230, 20.1550

Conversions

Conversions Part 2

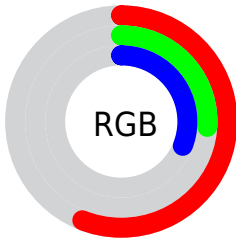
Format	Color
R_{YB}	143, 67, 80
Decimal	9388880
CIE Lab	38.61, 33.51, 7.60
CIE LCh	39, 34.360, 12.784
Yxy	10.4331, 0.4343, 0.3065
Android (android.graphics.Color)	4287578960 (0xFF8F4350)
YUV	91.2060, -5.5246, 45.4233
Hunter-Lab	32.3003, 25.1681, 6.4128

Details

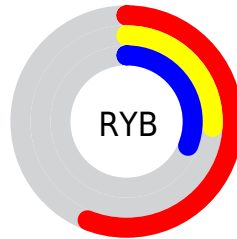
The XYZ color **14.7828, 10.4331, 8.8241** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **16.1670, 22.4501, 24.6015**, and the grayscale version is **9.9967, 10.5173, 11.4534**.

A 20% lighter version of the original color is **33.8769, 26.4497, 24.0887**, and **4.6387, 2.6521, 1.9365** is the 20% darker color. If you saturate the color by 10%, you get **13.6352, 8.7781, 6.4680**, and if you desaturate by 10%, it is **16.2182, 12.5400, 11.6577**.

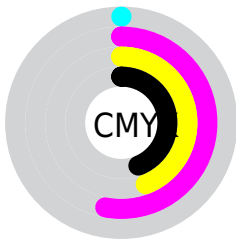
Distribution



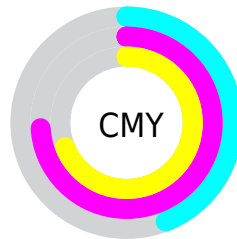
- Red (56%)
- Green (26%)
- Blue (31%)



- Red (56%)
- Yellow (26%)
- Blue (31%)



- Cyan (0%)
- Magenta (53%)
- Yellow (44%)
- Black (44%)





- Cyan (44%)
- Magenta (74%)
- Yellow (69%)
- Black (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.7828, 10.4331, 8.8241 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 14.7828, 10.4331, 8.8241 by changing the saturation by 10% instead.


 14.7828, 10.4331,
8.8241


 14.7828, 10.4331,
8.8241


215.4623,
193.7358, 192.2297


 8.7524, 5.6870,
4.5314


 34.0465, 26.6070,
24.1312


 4.6359, 2.6557,
1.9212

 48.0105, 38.8036,
35.9826


 2.0678, 0.9548,
0.5061

 65.3498, 54.2526,
51.1907

 0.6716, 0.0000,
0.0000

 86.4296, 73.3382,
70.1739

 0.0000, 0.0000,
0.0000

 111.6155, 96.4450,
93.3509

141.2726,

123.9572, 121.1402

175.7665,
156.2594, 153.9603

■ 14.7828, 10.4331,
8.8241

■ 14.7828, 10.4331,
8.8241

■ 13.6352, 8.7781,
6.4680

■ 16.2182, 12.5400,
11.6577

■ 12.7548, 7.5402,
4.5621

■ 17.9585, 15.1269,
14.9928

■ 12.1193, 6.6824,
3.0773

■ 20.0204, 18.2217,
18.8523

■ 11.7028, 6.1599,
1.9806

■ 22.4191, 21.8494,
23.2577

■ 11.4973, 5.9075,
1.4235

■ 25.1688, 26.0337,
28.2293

■ 28.2832, 30.7966,
33.7861

■ 31.7747, 36.1589,
39.9465

■ 35.6556, 42.1407,
46.7280

■ 39.9375, 48.7608,
54.1472

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



14.6697, 10.4331, 15.4528



14.7828, 10.4331, 8.8241



13.4571, 10.4331, 4.8332

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



14.7828, 10.4331, 8.8241



7.2495, 10.4331, 4.4586



8.6858, 10.4331, 27.8619

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



14.7828, 10.4331, 8.8241



16.1670, 22.4501, 24.6015

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



7.0585, 10.4331, 22.0745



14.7828, 10.4331, 8.8241



6.3198, 10.4331, 8.0622

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



14.7828, 10.4331, 8.8241



8.9861, 10.4331, 3.0356



6.2556, 10.4331, 14.3401



10.9086, 10.4331, 28.3170

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



14.7828, 10.4331, 8.8241



12.0380, 10.4331, 3.5009



6.2556, 10.4331, 14.3401



8.0599, 10.4331, 26.3976

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



14.7831, 10.4336, 8.8243



38.7098, 36.9473, 39.0224



16.0288, 10.6704, 27.2013



8.6949, 8.1973, 8.6148



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



14.7831, 10.4336, 8.8243



24.0304, 15.1684, 10.7614



16.0880, 13.7390, 7.1148



5.4442, 5.4382, 5.8371



10.1716, 5.2257, 1.2891



0.1029, 0.0522, 0.0422

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



14.7831, 10.4336, 8.8243



24.0304, 15.1684, 10.7614



13.8620, 16.3547, 28.4127



5.4442, 5.4382, 5.8371



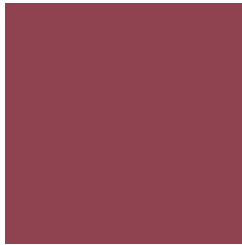
10.1716, 5.2257, 1.2891



0.1029, 0.0522, 0.0422

Previews

White Background



This preview shows how the XYZ color 14.7828, 10.4331, 8.8241 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 14.7828, 10.4331, 8.8241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.7828, 10.4331, 8.8241

Background



This preview shows how black text looks on a background with the XYZ color 14.7828, 10.4331, 8.8241.



This preview shows how white text looks on a background with the XYZ color 14.7828, 10.4331,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

14.7828, 10.4331, 8.8241

Protanopia

10.2311, 10.5996, 11.8626

Deuteranopia

10.7731, 10.5794, 8.4954



Tritanopia

14.4250, 10.3661, 7.5439

Trichromacy



Original Color

14.7828, 10.4331, 8.8241

Protanomaly

11.3343, 10.1187, 10.5882

Deuteranomaly

11.8516, 10.2093, 8.5537

Tritanomaly

14.5270, 10.4068, 8.0805

Monochromacy



Original Color

14.7828, 10.4331, 8.8241

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

11.1680, 10.0377, 10.3657

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7828, 10.4331, 8.8241 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(143, 67, 80)` looks like.

```
.text, #text, p{  
    color:rgb(143, 67, 80)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(143, 67, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 67, 80) }
```

Border

The CSS property to change the border of an element to XYZ 14.7828, 10.4331, 8.8241 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(143, 67, 80) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(143, 67, 80) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(143, 67, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 67, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 67, 80);  
box-shadow:4px 4px 4px 4px rgb(143, 67,  
80) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7828, 10.4331, 8.8241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 67, 80) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(143, 67,  
80) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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